

FIG. 1

202	Vehicle Speed	Vehicle Data	104
204	Turn Signal Status		
206	ABS/TCS/Stability System Data		
208	Steering wheel angle data		
210	Throttle Position/Brake Pedal data		
212	Engine RPM/Spark/Fuel data	Environment Data	106
214	Headlamp Status		
216	Wiper Status		
218	Defroster Status		
220	Outside Air Temperature data		
222	Global Positioning data	Current Task Data	108
224	Time of Day		
226	Radio information (manipulation occurring?)		
228	Phone Status (active?)		

FIG. 2

	Input	Relative Workload Effect—Logical Operands	
202	Vehicle Speed	70 mph > 50–70 mph	302
		50–70 mph > 20–50 mph	
		20–50 mph > 0–20 mph	
204	Turn Signal Status	Lane Change > Lane Maintenance	304
		Turn > Maintain Straight heading	
206	ABS/TCS/Stability	ABS/TCS + Stability active > ABS/TCS	306
		Stability active > not active	
		ABS/TCS active > not active	
214	Headlamp Status	Night > Day	308
216	Wiper Status	Precipitation > None	310
220	Outside Air Temperature	Snow > Rain	312
224	Time of Day	Periodic function to reflect greater risk of driving at certain times of the day.	314
226	Radio Information	Manipulating radio > No Radio Task	316
228	Phone Status	Phone dialing/conversation > None	318

FIG. 3

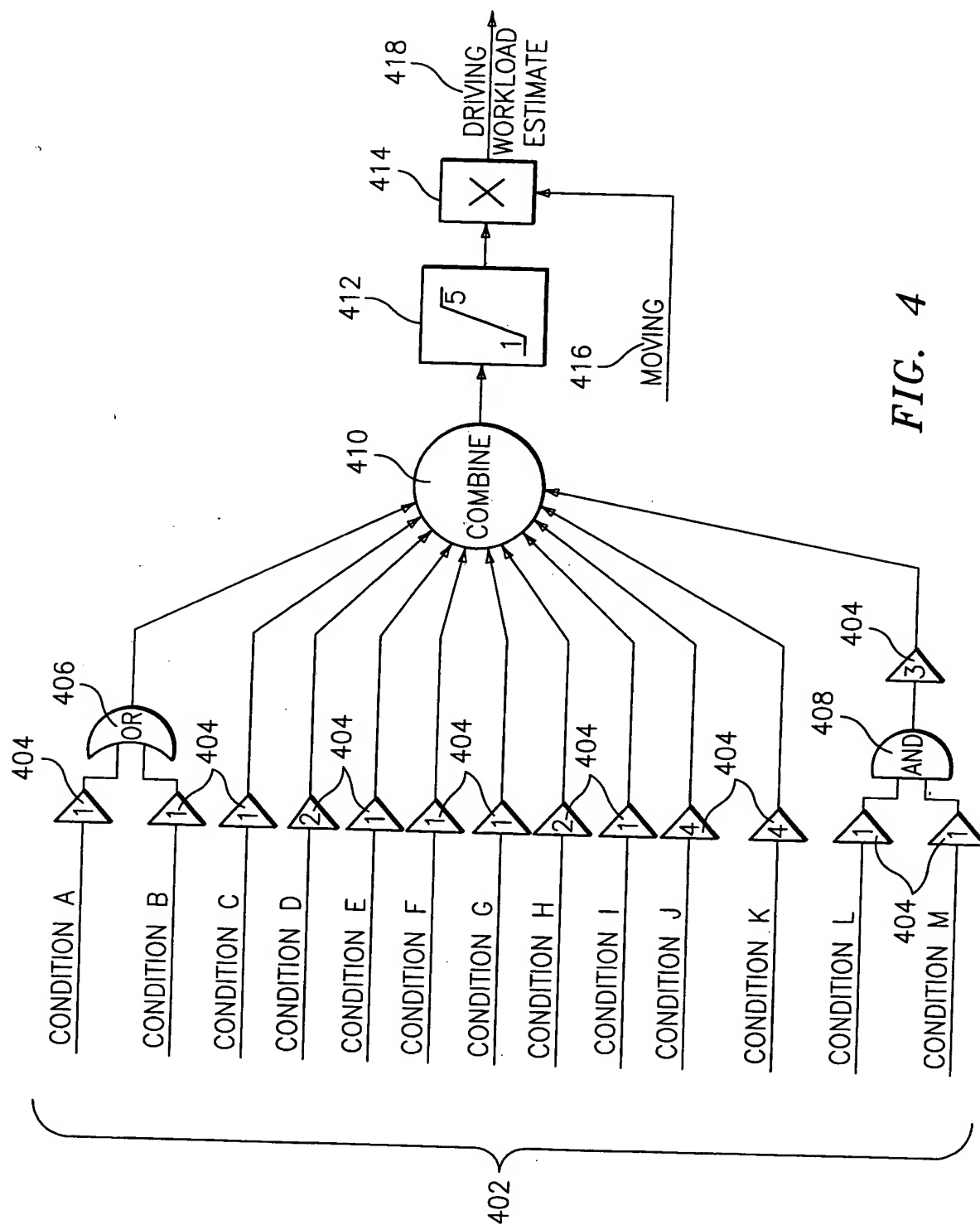


FIG. 4